

January 5, 1944

UNITED STATES COAST AND GEODETIC SURVEY  
Second-order leveling

Beaver to Junction, Utah.

Tentative elevations based on the Sea-level Datum of 1929 for the bench marks described in the attached list are given below. Although these elevations have been adjusted, they should be considered tentative at this time since additional leveling may require a readjustment.

<u>B.M.</u>	<u>Adjusted Elevation</u> (Meters)	<u>Adjusted Elevation</u> (Feet)	<u>B.M.</u>	<u>Adjusted Elevation</u> (Meters)	<u>Adjusted Elevation</u> (Feet)
Beaver, center of intersection. of St. Hwy. 21 and U.S. Hwy. 91.			T 231	2847.310	9341.549
A 231	1822.257	5978.521	U 231	2915.880	9566.516
B 231	1843.487	6048.174	V 231	3068.518	10067.296
C 231	1868.921	6131.618	W 231	3102.575	10179.031
D 231	1886.530	6189.390	X 231	3091.511	10142.732
E 231	1916.584	6287.993	Y 231	3110.617	10205.416
F 231	1942.326	6372.448	Z 231	3028.025	9934.445
G 231	1986.857	6518.547	A 232	2926.960	9602.868
H 231	2041.230	6696.935	B 232	2910.161	9547.753
J 231	2106.530	6911.174	C 232	2881.298	9453.058
K 231	2178.018	7145.714	D 232	2815.585	9237.465
L 231	2327.843	7637.265	E 232	2640.742	8663.834
M 231	2416.144	7926.966	F 232	2463.749	8083.150
N 231	2476.353	8124.501	G 232	2288.753	7509.017
P 231	2550.107	8366.476	J 232	2140.200	7021.639
Q 231	2612.260	8570.390	K 232	2041.502	6697.828
R 231	2656.024	8713.972	L 232	1973.834	6475.820
S 231	2762.185	9062.269	M 232	1896.996	6223.728
				1846.152	6056.917



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This line follows State Highway 21 from Beaver to Junction. The field work was done during the summer of 1935 by a party in charge of C. Le Fever, junior hydrographic and geodetic engineer.

Beaver, top of State Highway 21 at the center of the intersection of U.S. Highway 91.

A 231.--About 1.1 miles east along State Highway 21 from Beaver, Beaver County, about 700 feet east of a house, about 50 feet east of the center line of a small creek, about 30 feet west of the center line of a dirt-road crossing, about 14 feet south of the center line of the highway, 22 feet west of a fence corner, and 4 feet north of the fence. A standard disk, stamped "A 231 1935" and set in the top of a concrete post.

B 231.--About 2.1 miles east along State Highway 21 from Beaver, Beaver County, about 756 feet north of a curve, about 50 feet north of an old limestone building, 46 feet east of the center line of the highway, opposite an abandoned house, and 5 feet west of the fence line. A standard disk, stamped "B 231 1935" and set in the top of a concrete post.

C 231.--About 3.1 miles east along State Highway 21 from Beaver, Beaver County, about 72 yards west of a gate, about 77 feet northwest of the center line of the highway, opposite a wire fence, and 21 feet north of a pole. A standard disk, stamped "C 231 1935" and set in the top of a concrete post.

D 231.--About 4.0 miles east along State Highway 21 from Beaver, Beaver County, near the center of a canyon, 26 feet northwest of the center line of the highway, 8 feet northwest of a pole, in the top of a limestone outcrop, and about 2 feet lower than the roadway. A standard disk, stamped "D 231 1935."

E 231.--About 5.0 miles east along State Highway 21 from Beaver, Beaver County, between two curves, 37 feet southwest of the center line of the highway, and 10 feet south of a row of poles. A standard disk, stamped "E 231 1935" and set in the top of a concrete post.

F 231.--About 5.9 miles east along State Highway 21 from Beaver, Beaver County, between two curves, about 60 feet east of the center line of a small creek, about 35 feet west of a power line, 36 feet east of a row of poles. A standard disk, stamped "F 231 1935" and set in the top of a concrete post.

G 231.--About 7.0 miles east along State Highway 21 from Beaver, Beaver County, between two curves, 16 feet north of the center line of the highway, 35 feet east of a 15-inch pine tree, and in the top of a sandstone ledge. A standard disk, stamped "G 231 1935."

H 231.--About 8.0 miles east along State Highway 21 from Beaver, Beaver County, between two curves, about 110 feet east of a power line, 45 feet north of the center line of the highway, 56 feet south of the center line of a small creek, and 24 feet north of a row of poles. A standard disk, stamped "H 231 1935" and set in the top of a concrete post.

J 231.--About 9.0 miles east along State Highway 21 from Beaver, Beaver County, about 105 feet northwest of the center of a road junction, opposite a small creek, 14 feet north of the center line of the highway, in line with a row of poles, and in the top of a sandstone ledge. A standard disk, stamped "J 231 1935."

K 231.--About 10.2 miles east along State Highway 21 from Beaver, Beaver County, about 180 feet west of a curve, 46 feet south of the center line of the highway, 42 feet north of the center line of a small creek, 16 feet south of a row of poles, and set in the top of a stone ledge. A standard disk, stamped "K 231 1935."

L 231.--About 11.4 miles east along State Highway 21 from Beaver, Beaver County, at a reverse curve, at the edge of a dirt bank, and 27 feet west of the center line of the highway. A standard disk, stamped "L 231 1935" and set in the top of a concrete post.

M 231.--About 12.0 miles east along State Highway 21 from Beaver, Beaver County, at the top of a long hill, about 82 feet southwest of the center line of the highway, 16 feet west of a power line, and in the top of a large sandstone outcrop. A standard disk, stamped "M 231 1935."

N 231.--About 13.0 miles east along State Highway 21 from Beaver, Beaver County, at a curve, 23 feet north of the center line of the highway, 12 feet west of a spring, and in the top of a sandstone ledge. A standard disk, stamped "N 231 1935."

P 231.--About 14.3 miles east along State Highway 21 from Beaver, Beaver County, about 0.2 mile north of a small lake, 121 feet east of the center line of the highway, 103 feet east of a power-transmission line, and in the top of a sandstone outcrop. A standard disk, stamped "P 231 1935."

Q 231.--About 15.3 miles east along State Highway 21 from Beaver, Beaver County, at a canyon, 18 feet southwest of the center line of the highway, and in the top of a sandstone outcrop. A standard disk, stamped "Q 231 1935."

R 231.--About 16.5 miles east along State Highway 21 from Beaver, Beaver County, about 0.5 mile west of the Delano Civilian Conservation Corps camp, at a road junction, 11 feet north of a rock outcrop. A standard disk, stamped "R 231 1935."

S 231.--About 17 miles east along State Highway 21 from Beaver, Beaver County, at a curve, 20 feet north of the center line of the highway, in the top of a sandstone outcrop, and about 5 feet higher than the roadway. A standard disk, stamped "S 231 1935."

T 231.--About 18.7 miles east along State Highway 21 from Beaver, Beaver County, between two curves, 16 feet north of the center line of the highway, in the top of a sandstone outcrop, and about 5 feet higher than the roadway. A standard disk, stamped "T 231 1935."

U 231.--In Beaver County, about 18.8 miles west along State Highway 21 from Junction, Piute County, at the foot of a hill, at the point of a curve, 40 feet north of the center line of a small creek, and 30 feet east of the center line of the highway. A standard disk, stamped "U 231 1935" and set in the top of a concrete post.

V 231.--In Beaver County, about 17.6 miles west along State Highway 21 from Junction, Piute County, on the slope of a hill, at a small pine forest, at a curve, at the edge of a small wash, and 27 feet north of the center line of the highway. A standard disk, stamped "V 231 1935" and set in the top of a concrete post.

W 231.--In Beaver County, about 16.5 miles west along State Highway 21 from Junction, Piute County, about 225 yards north of a long fence, about 76 feet west of the center line of the highway, 8 feet east of an 8-inch pine tree, and in the top of a sandstone outcrop. A standard disk, stamped "W 231 1935."

X 231.--In Beaver County, about 15.6 miles west along State Highway 21 from Junction, Piute County, about 0.5 mile south of a ranger station, at the top of a hill, at a pasture, and 25 feet west of the center line of the highway. A standard disk, stamped "X 231 1935" and set in the top of a concrete post.

Y 231.--In Beaver County, about 14.6 miles west along State Highway 21 from Junction, Piute County, about 56 feet west of the center line of the highway, 40 feet east of a 20-inch tree, and in the top of a sandstone outcrop. A standard disk, stamped "Y 231 1935."

Z 231.--About 13.2 miles northwest along State Highway 21 from Junction, Piute County, at a clearing, and about 50 feet northeast of the center line of the highway. A standard disk, stamped "Z 231 1935" and set in the top of a concrete post.

A 232.--About 12.5 miles northwest along State Highway 21 from Junction, Piute County, at the edge of a pine forest, about 65 feet east at the point of a curve, at a bank, 20 feet south of the center line of the highway, and about 3 feet higher than the roadway. A standard disk, stamped "A 232 1935" and set in the top of a concrete post.

B 232.--About 11.5 miles northwest along State Highway 21 from Junction, Piute County, at the edge of a pine forest, about 105 feet west of the point of a curve, and 21 feet southeast of the center line of the highway. A standard disk, stamped "B 232 1935" and set in the top of a concrete post.

C 232.--About 10.6 miles northwest along State Highway 21 from Junction, Piute County, at a small hill, and 37 feet south of the center line of the highway. A standard disk, stamped "C 232 1935" and set in the top of a concrete post.

D 232.--About 9.5 miles northwest along State Highway 21 from Junction, Piute County, about 125 feet southeast of the point of a curve, about 54 feet southeast of the center line of the highway, 5 feet east of a log fence, and in the top of a sandstone outcrop. A standard disk, stamped "D 232 1935."

E 232.--About 8.4 miles northwest along State Highway 21 from Junction, Piute County, at a high hill, at a curve, and 32 feet south of the center line of the highway. A standard disk, stamped "E 232 1935" and set in the top of a concrete post.

F 232.--About 7.3 miles northwest along State Highway 21 from Junction, Piute County, at a hill, about 120 feet west of the point of a curve, 54 feet northwest of the center line of the highway in the top of a sandstone outcrop, and about 15 feet higher than the roadway. A standard disk, stamped "F 232 1935."

G 232.--About 6.2 miles northwest along State Highway 21 from Junction, Piute County, between two small curves, 25 feet southeast of the center line of the highway, in the top of a sandstone outcrop, and about 4 feet lower than the roadway. A standard disk, stamped "G 232 1935."

H 232.--About 5.2 miles northwest along State Highway 21 from Junction, Piute County, about 150 yards south of a log cabin, about 135 yards northwest of the center line of the highway, about 135 yards north of the center line of the highway. A standard disk, stamped "H 232 1935" and set in the top of a concrete post.

I 232.--About 4.0 miles northwest along State Highway 21 from Junction, Piute County, at the foot of a hill, about 54 feet northeast of the center line of the roadway and in the top of a sandstone outcrop. A standard disk, stamped "I 232 1935."

J 232.--About 3.0 miles northwest along State Highway 21 from Junction, Piute County, about 0.2 mile west of the point of a curve, at the top of a hill, about 57 feet north of the center line of the roadway, and in the top of a sandstone outcrop. A standard disk, stamped "J 232 1935."

L 232.--About 1.9 miles northwest along State Highway 21 from Junction, Piute County, about 0.3 mile east at the foot of a mountain, in a valley, and 30 feet east of the center line of the highway. A standard disk, stamped "L 232 1935" and set in the top of a concrete post.

M 232.--About 0.6 mile northwest along State Highway 21 from Junction, Piute County, about 0.3 mile east of the foot of

a mountain, about 6000 feet above sea level, about 10 miles west of the center line of the Colorado. A sign was placed there by the "P&S 1930" and set in the top of a concrete post.

End of the line.